› MG4 E

CAL. 5.56 MM X 45 NATO

HECKLER & KOCH

SUPERIORITY HAS MANY DIMENSIONS. THE LATEST ONE IS THE MG4 E.

LIGHTWEIGHT, COMPACT AND WITH HIGH FIRE POWER: THE MG4 E MEETS ALL FUTURE REQUIREMENTS WITH RESPECT TO MOBILITY AND FIGHTING STRENGTH IN COMBAT.

02 / › Machine guns [*MG4 E, Cal. 5.56 mm x 45*]

OUR TRADITION MEANS CONSISTENCY.

THE STORY OF HECKLER & KOCH STARTED IN 1949. THE DEVELOPMENT OF THE G3 AND THE INTRODUCTION OF THIS MILESTONE AS THE INFANTRY RIFLE FOR THE GERMAN ARMY IN 1956 WERE THE FIRST STEPS ON THE ROAD TO BECOMING A WEAPONS MANUFACTURER OF EXCELLENCE. EVEN THEN OUR STRATEGY, WHICH HAS NOT CHANGED OVER THE YEARS, WAS: NO COMPROMISE.

To be consistent means to accept no compromise throughout our product range. For us, this means using only premium materials, utilising only the most advanced manufacturing processes, and striving continuously towards innovation. The safety of the user and excellence in after sales support are central to this philosophy.

This is why our small arms products are the first choice for the military and the police forces of many NATO countries and their allies.

The Heckler & Koch "Weapons Range" philosophy optimises logistics and economics that result in minimum long term cost and maintenance of the product for the customer. Our refusal to compromise in manufacturing and design ensures the maximum durability of the weapon and results in financial benefits in the long term.

The care and commitment we put into the manufacture of our products is at the centre of our relationship with our customers, employees and the environment. In this way, we create the basis of our own future as an innovative company.

IN CRITICAL SITUATIONS, THE CERTAINTY TO HAVE A PERFECT WEAPON HELPS.

THE MG4 E GIVES THE USER ALL THE ADVANTAGES REQUIRED TO HELP OVERCOME ALL DIFFICULT SITUATIONS. IT HAS A COMPACT DESIGN, AND ITS HANDLING IS SIMPLE AND USER FRIENDLY. THIS REDUCES THE RISK OF USER INDUCED ERRORS. MANY SAFETY FEATURES NOT FOUND IN COMPETITOR MACHINE GUNS MAKE SURE THAT THE USER CANNOT ENDANGER HIMSELF AND OTHERS DURING A MISSION.

SAFE IN CASE OF FAULTY AMMUNITION

The bolt head carrier design ensures maximum user safety in case of faulty ammunition and prevents incorrect cocking of the weapon.

BOLT CAN BE LOCKED IN ANY POSITION

A safe and practical option is to lock the bolt in any position of its track. Simply lift up the cocking lever and clamp it firmly against the receiver. Activating the bolt lock prevents any accidental firing.

SAFE BARREL LOCK, QUICK BARREL CHANGE

The carrying grip also performs as the barrel change grip. When it is folded down, the barrel is locked. To change the barrel, simply fold up the grip and unlock the barrel.

QUICK INDICATION OF THE LOADING STATUS

The upwards protruding loading indicator is very practical. It not only indicates optically that there is a cartridge in the feed tray, but it also allows you to feel the loading status in the dark.

MG4 E — THE SYSTEM

WE HAVE DEVELOPED A RANGE OF ACCESSORIES, ALL FINE TUNED TO WORK TOGETHER TO ENSURE THE MG4 E DISPLAYS ALL THE STRENGTHS OF A PERFECT WEAPON SYSTEM.

SHORT AND LONG BARREL/ADDITIONAL PROTECTION THROUGH HEAT SHIELD

The heat shield can be slipped onto both the short and the long barrel.

BLANK FIRING ATTACHMENT AND BLANK FEED TRAY FOR BLANKS

ADAPTER FOR THE NATO STANDARD 200-CARTRIDGE BELT BOX AND 200-CARTRIDGE BELT POUCH (FOR MORE FREEDOM TO MOVE)

Used for attaching box and pouch centrally below the MG4 E. They can also be attached laterally without an adapter.

TELESCOPIC SIGHT, MAGNIFICATION 3-FOLD (INTEGRATED PICATINNY RAIL AND MOUNTING OPTION FOR NSA 80)

MECHANICAL SIGHT (OPTIONAL)

Height- and windage-adjustable: Distance adjustable to 1000 m. In addition, optical sights can also be adapted without removing the pre-mounted mechanical sight.

BELT POUCHES 100/200 CARTRIDGES
200-CARTRIDGE BOX

IN COMPLICATED SITUATIONS, ONLY SIMPLE SOLUTIONS WILL DO

A MACHINE GUN CAN MAKE MANY PROMISES. WHAT COUNTS IS THAT IT IS ABSOLUTELY RELIABLE IN COMBAT SITUATIONS. FEW MANUFACTURERS TEST THEIR NEW WEAPONS AS THOROUGHLY AS WE DO IN COOPERATION WITH THE USERS WHO WILL CARRY THEM LATER ON IN A MISSION.

SIMPLE AND QUICK BARREL CHANGE

Heckler & Koch set the standard for durability of barrels. At the same time, changing the MG4 E barrel could not be easier. Significantly it can be changed without using gloves, because the carrying grip is also the barrel change grip. This advantage comes into effect when the first barrel has heated up as a result of combat shooting. An additional key advantage: In the MG4 E, the barrel can be changed independently of the bolt position.

ERGONOMICALLY OPTIMISED BIPOD SOLUTION

The bipod of the MG4 E is robust and dirt resistant. It can be simply folded up and stowed away in the ergonomically formed handguard. This allows the user to hold and transport the MG4 E as comfortably as an assault rifle. It can be rotated and has variable height adjustment – absolutely necessary for uneven terrain in combat situations.

LOW SMOKE DEVELOPMENT

An additional strength of the MG4 E: With other machine guns, heavy smoke development often impairs the user's vision or irritates his eyes when shots are fired in rapid sequence. The MG4 E overcomes this – it develops only a small amount of smoke whose escape is controlled towards the rear.

EASY TO STOW AWAY, EASY TO TRANSPORT

The MG4 E is ready for use with the butt stock retracted. If, in addition, the barrel is removed the MG4 E is even more compact and with the rear sight folded down presents the minimum size for easy stowage and transportation.

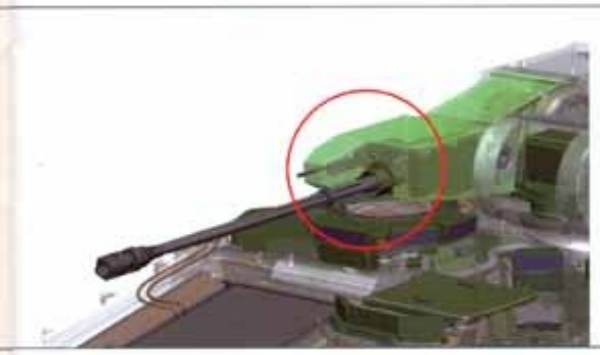
(RE-)LOADING WITHOUT CHANGE IN POSITION

The cover to the feed tray can be simply flipped open in the firing direction. This allows the cartridge belt to be changed in a matter of seconds. Another strength: While doing this, the MG4 E remains in the firing position.

WE USE ONLY THE BEST MATERIALS, WHICH WE PROCESS OBSERVING THE HIGHEST QUALITY ASSURANCE STANDARDS AND USING THE MOST ADVANCED MANUFACTURING TECHNOLOGIES. THIS IS DEMONSTRATED BY THE EXTREMELY HIGH SERVICE LIFE OF OUR PRODUCTS AND THEIR LOW SUSCEPTIBILITY TO REPAIRS, WHICH ULTIMATELY ALSO BRINGS FINANCIAL ADVANTAGES TO THE USER. ALL FEATURES OF THE NEW MG4 E WERE SUBJECTED TO ENDURANCE TESTING FOLLOWING THEIR DESIGN. SUCH ACTIVITY ULTIMATELY PROTECTS THE USER.

CONVENIENT IN COMBAT: THE CARRYING SLING

The carrying sling, available as an accessory, allows the user different carrying modes and gives him absolute freedom of movement and immediate readiness to shoot in all firing positions. The hooks are simply inserted into the front and rear sling loops of the weapon. The carrying sling design facilitates easy carrying: at the side, in front of the body or on the back.



MAXIMUM MOBILITY:
MG4 E AS A VEHICLE WEAPON

The MG4 E can be mounted easily on the US M 122 gun-mount. In addition, it can be used as a secondary weapon. The ideal device for arming Mechanised Infantry Combat Vehicles for modern threat scenarios.

HIGH CARRYING COMFORT THROUGH
OPTIMUM ANGLE POSITION

The carrying grip of the MG4 E is attached at an optimum angle. This ensures minimum user effort when carrying it – a great advantage when changing the combat position.

ERGONOMIC SAFETY LEVER

The MG4 E is fitted with a simple ambidextrous safety lever compared to other machine guns.

BEIDSEITIG BEDIENBARE DREHSICHERUNG

AMBIDEXTROUS SAFETY LEVER

ANKLAPPBARER DURCHLADEHEBEL
Bietet die Möglichkeit, den Verschluss in jeder Stellung seiner Führungsbahn zu sperren

FOLDABLE COCKING LEVER
Provides the option to lock the bolt in any position of its track

TRAGE- UND ROHRWECHSELGRIFF
Praktisches Feature zum Tragen und Rohrwechseln ohne Handschuhe

CARRYING AND BARREL CHANGE GRIP
Key user feature for carrying and changing barrel without using gloves

BEIDSEITIGE STANDARDSCHNITTSTELLE MIL-STD-1913 (PICATINNY)
Für die Adaption einer Vielzahl von Zusatzgeräten

STANDARD MIL-STD-1913 (PICATINNY) SIGHT RAIL LEFT AND RIGHT
For fitment of a wide range of attachments

ERGONOMISCH GESTALTETES GRIFFSTÜCK
Für sicheres und ruhiges Halten der Waffe

ERGONOMICALLY DESIGNED GRIP ASSEMBLY
For safe and enhanced handling of the weapon

HINTERE LAFETTENAUFNAHME

REAR GUN-MOUNT

ERGONOMISCH GESTALTETER HANDSCHUTZ
Für festes und bequemes Halten beim Hüftanschlag

ERGONOMICALLY DESIGNED HANDGUARD
For firm and comfortable handling when resting on hip

INTEGRIERTES ZWEIBEIN
Schwenkbar in allen Freiheitsgraden

INTEGRATED BIPOD
Flexible orientation

BEWÄHRTER MÜNDUNGS-FEUERDÄMPFER

PROVEN FLASH HIDER

BEIDSEITIGE EINHÄNGEÖSEN FÜR TRAGERIEMEN
Für den bequemen Transport

AMBIDEXTROUS LOOPS FOR CARRYING SLING
For convenient transportation

LANGE STANDARDSCHNITTSTELLE MIL-STD-1913 (PICATINNY)
Für die Aufnahme von mechanischen und optischen Zieleinrichtungen

LONG STANDARD MIL-STD-1913 SIGHT RAIL (PICATINNY)
For almost unlimited mounting of mechanical and optical sights

MECHANISCHES VISIER
Höhen- und seitenjustierbar. Einstellbare Entfernung bis 1000 m.

MECHANICAL SIGHT
Height- and windage-adjustable. Distance adjustable to 1000 m.

AUFKLAPPBARER SCHULTERBÜGEL

FOLDABLE LOOP BUTT

KLAPPBARES KORN
Mit Möglichkeit zur Höhen- und Seitenkorrektur des Korns

FOLDABLE FRONT SIGHT
Allows height and windage adjustment of the front sight

ROHR-ENTRIEGELUNGSHEBEL

BARREL UNLOCKING LEVER

VORDERE LAFETTENAUFNAHME

FRONT GUN-MOUNT

HARTVERCHROMTES ROHR
Für extrem lange Lebensdauer

HARD CHROME-PLATED BARREL
For extremely long life

AUFNAHME FÜR PATRONENGURTBEHÄLTER
Kompatibel mit allen Standard-NATO-Boxen

MOUNT FOR CARTRIDGE BELT BOX
Compatible with all standard NATO boxes

STARKER GURTZUG
Verlässliche Funktionalität auch unter klimatischen Extrembedingungen

STRONG BELT TENSION
Reliable functionality even under extreme climatic conditions

HÜLSENABWEISER
Mit Staubschutzklappe gegen Verschmutzung

CASE DEFLECTOR
Includes dust cover to protect from dirt

ANKLAPPBARE/ABNEHMBARE SCHULTERSTÜTZE
Praktisch für den kompakten Transport

FOLDABLE/DETACHABLE BUTT STOCK
Convenient for compact transport

TECHNICAL DATA MG4 E/MG4 KE

	MG4 E	MG4 KE
Calibre	5.56 mm x 45	
Operating principle	Gas-operated	
Bolt system	Rotating bolt, fires from the open bolt	
Feed mechanism	Belt feed from left side with loading indicator	
Cartridge case ejection	Downwards through cartridge case deflector	
Modes of fire	Burst-fire/sustained fire	
DIMENSIONS		
A Length, max.	1030 mm	950 mm
B Length, min.	830 mm	750 mm
C Width	96 mm	96 mm
D Height[1]	228 mm	228 mm
E Barrel length (with flash hider)	482 mm	402 mm
F Sight radius	490 mm	490 mm
WEIGHT		
Weapon with bipod	7.9 kg	7.7 kg
Barrel	1.7 kg	1.5 kg
Bipod	0.65 kg	0.65 kg

OTHER DATA

Trigger pull	35–55 N	35–55 N
Rate of fire	775 ± 50 rounds/min	775 ± 50 rounds/min
Muzzle velocity -vo-[2]	920 m/s	880 m/s
Muzzle energy -Eo-[2]	1692 J	1548 J
Barrel profile/twist	Groove/land profile, 6 grooves/right-hand twist	
Sight[3]	Dioptre	Dioptre
Maximum effective range	Approx. 1000 m	Approx. 900 m

NOTES: MIL-STD-1913 (Picatinny) on top and both sides, fixing points for US field mount M122

[1] Without sights, front sight folded down / [2] Ammunition DM11 / [3] Different sights available